

ATTACHMENT A

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PHOTOGRAPHIC SIMULATIONS

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Photo



Simulation



Proposed Action - KOP #1 (Intersection of I-40 and Meteor Crater Road)

This depicts one possible view of the proposed wind park. The view pans from the southeast to the southwest from a point near the intersection of Interstate 40 and Meteor Crater Road. The rim of Meteor Crater is located near the left-hand side of the photograph and Anderson Mesa is located near the right-hand side of the photograph. WTGs are depicted at a height of approximately 430 feet, with the nearest WTGs approximately six and one-half miles away, located within background views.

Grapevine Canyon Wind Project



Photo

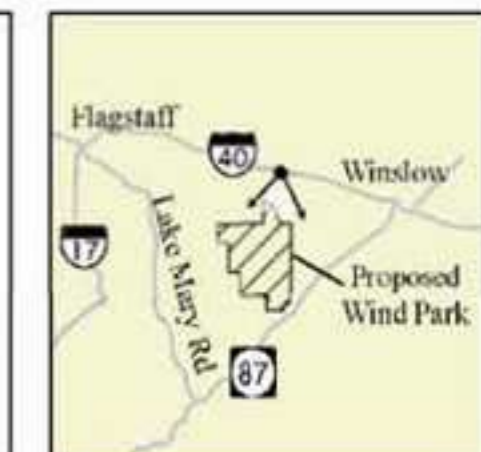


Simulation



Proposed Action - KOP #1 (Intersection of I-40 and Meteor Crater Road)

This depicts one possible view of the proposed wind park. The view pans from the southeast to the southwest from a point near the intersection of Interstate 40 and Meteor Crater Road. The rim of Meteor Crater is located near the left-hand side of the photograph and Anderson Mesa is located near the right-hand side of the photograph. This simulation depicts an initial wind park phase of up to 250 MW. WTGs are depicted at a height of approximately 430 feet, with the nearest WTGs approximately eight miles away, located within background views. Grapevine Canyon Wind Project



Photo



Simulation



Proposed Action - KOP #2 (Meteor Crater Visitors Center)

This depicts one possible view of the proposed wind park. The view pans from the west to the north, typical of the viewshed experienced through the Meteor Crater Visitors Center picture window. The rim of Meteor Crater is located near the left-hand side of the photograph and the San Francisco Peaks are located in the center of the photograph. WTGs are depicted at a height of approximately 430 feet, with the nearest WTGs approximately three and one-half miles away, located within middleground views.

Grapevine Canyon Wind Project



Photo



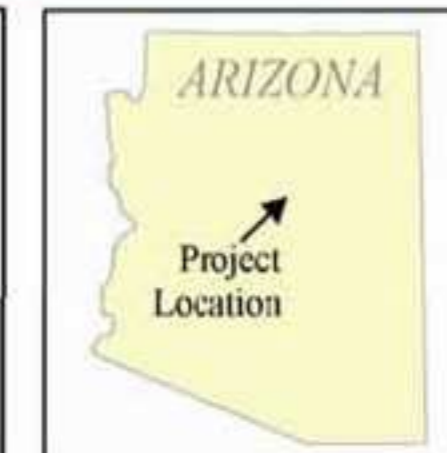
Simulation



Proposed Action - KOP #3 (Meteor Crater)

This depicts one possible view of the proposed wind park. The view pans from the southwest to the northwest from a point along the rim of Meteor Crater. The rim of Meteor Crater is located in the foreground near the left-hand side of the photograph and Anderson Mesa is located in the background of the photograph. WTGs are depicted at a height of approximately 430 feet, with the nearest WTGs approximately three miles away, located within middleground views.

Grapevine Canyon Wind Project



Photo



Simulation



Proposed Action - KOP #3 (Meteor Crater)

This depicts one possible view of the proposed wind park. The view pans from the southwest to the northwest from a point along the rim of Meteor Crater. The rim of Meteor Crater is located in the foreground near the left-hand side of the photograph and Anderson Mesa is located in the background of the photograph. This simulation depicts an initial wind park phase of up to 250 MW. WTGs are depicted at a height of approximately 430 feet, with the nearest WTGs approximately four and one half miles away, located within background views.

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Photo



Simulation



Proposed Action - KOP #4 (Chavez Pass Road)

This depicts one possible view of the proposed wind park. The view pans from the northwest to the northeast from a point along Chavez Pass Road, near the base of Chavez Mountain. Anderson Mesa rises from the left-hand side of the photograph extending to the center and the San Francisco Peaks are visible in the distant background near the extreme left-hand side of the photograph. WTGs are depicted at a height of approximately 430 feet, with the nearest WTGs approximately one and one-half miles away, located within middleground views.

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Photo



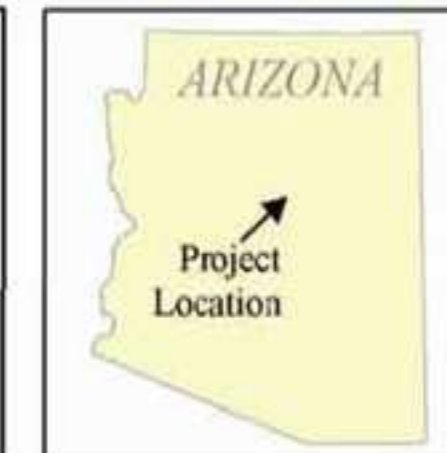
Simulation



Proposed Action - KOP #5 (State Route 87)

This depicts one possible view of the proposed wind park. The view pans from the northwest to the north from a point along State Route 87. Anderson Mesa rises near the left-hand side of the photograph and West Sunset Mountain rises near the right-hand side of the photograph. In addition, the San Francisco Peaks are visible in the distant background near the left-hand side of the photograph. WTGs are depicted at a height of approximately 430 feet, with the nearest WTGs approximately one mile away, located within middleground views.

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Photo



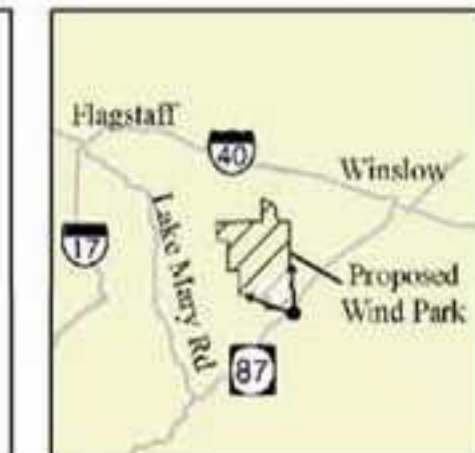
Simulation



Proposed Action - KOP #5 (State Route 87)

This depicts one possible view of the proposed wind park. The view pans from the northwest to the north from a point along State Route 87. Anderson Mesa rises near the left-hand side of the photograph and West Sunset Mountain rises near the right-hand side of the photograph. In addition, the San Francisco Peaks are visible in the distant background near the left-hand side of the photograph. This simulation depicts an initial wind park phase of 250 MW. WTGs are depicted at a height of approximately 430 feet, with the nearest WTGs approximately 12 miles away, located within background views.

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Photo



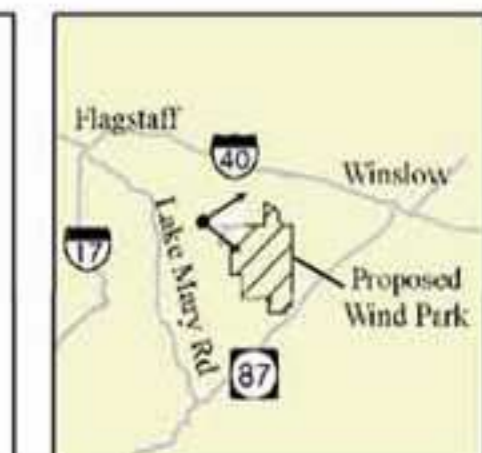
Simulation



Proposed Action - KOP #6 (Forest Road 125)

This depicts one possible view of the proposed wind park and transmission tie-line. The view pans from the northeast to the southeast from along Forest Road 125 as it drops from Anderson Mesa. WTGs are depicted at a height of approximately 430 feet, with the nearest WTGs approximately two and one-half miles away, located within middleground views. Tie-line towers are depicted at a height of approximately 120 feet and spaced about 1,000 feet apart. The nearest tower is located approximately one-half mile away, within foreground views.

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Photo



Simulation



Proposed Action - KOP #7 (Intersection of Forest Road 125 and Forest Road 82)

This depicts one possible view of the proposed transmission tie-line. The view pans from the northeast to the east from a point along Forest Road 125 near the intersection of Forest Road 82. Tie-line towers are depicted at a height of approximately 120 feet and spaced about 1,000 feet apart. The nearest tower is located within immediate foreground views, approximately one-tenth mile away.

Grapevine Canyon Wind Project



Photo



Simulation



Proposed Action - KOP #7 (Intersection of Forest Road 125 and Forest Road 82)

This depicts one possible view of the proposed transmission tie-line. This photographic simulation was prepared as if the vegetation were removed, or drastically changed. The view pans from the northeast to the east from a point along Forest Road 125 near the intersection of Forest Road 82. Tie-line towers are depicted at a height of approximately 120 feet and spaced about 1,000 feet apart. The nearest tower is located within immediate foreground views, approximately one-tenth mile away.

Grapevine Canyon Wind Project



Photo



Simulation



Proposed Action - KOP #8 (Forest Road 82)

This depicts one possible view of the proposed transmission tie-line. The view pans from the northwest to the northeast along Forest Road 82, just south of Forest Road 125. Mormon Mountain rises above the trees slightly near the left-hand side of the photograph. Tie-line towers are depicted at a height of approximately 120 feet and spaced about 1,000 feet apart. The nearest tower is located within immediate foreground views, approximately one-tenth mile away.

Grapevine Canyon Wind Project



Photo



Simulation



Proposed Action - KOP #8 (Forest Road 82)

This depicts one possible view of the proposed transmission tie-line. This photographic simulation was prepared as if the vegetation were removed, or drastically changed. The view pans from the northwest to the northeast along Forest Road 82, just south of Forest Road 125. Mormon Mountain rises near the left-hand side of the photograph and the San Francisco Peaks are located in the distant background near the center of the photograph. Tie-line towers are depicted at a height of approximately 120 feet and spaced about 1,000 feet apart. The nearest tower is located within immediate foreground views, approximately one-tenth mile away.

Grapevine Canyon Wind Project



Photo



Simulation



Proposed Action - KOP #9 (Forest Road 125 and Existing Transmission Line Corridor)

This depicts one possible view of the proposed switchyard and transmission tie-line. The view pans from the northwest to the northeast from a point near the intersection of Forest Road 125 and the existing Western transmission line corridor. The existing transmission line structures are approximately 120 feet tall and the proposed tie-line towers are also depicted at this height, spaced about 1,000 feet apart. The switchyard and the nearest tie-line tower are approximately six-tenths mile away, located within middleground views.

Grapevine Canyon Wind Project



Photo



Simulation



Proposed Action - KOP #9 (Forest Road 125 and Existing Transmission Line Corridor)

This depicts one possible view of the proposed switchyard and transmission tie-line. This photographic simulation was prepared as if the vegetation were removed, or drastically changed. The view pans from the northwest to the northeast from a point near the intersection of Forest Road 125 and the existing Western transmission line corridor. The San Francisco Peaks are visible in the distant background near the left-hand side of the photograph. The existing transmission line structures are approximately 120 feet tall and the proposed tie-line towers are also depicted at this height, spaced about 1,000 feet apart. The switchyard and the nearest tie-line tower are approximately six-tenths mile away, located within middleground views.



Photo



Simulation



Alternative Transmission Line Corridor - KOP #7 (Intersection of Forest Road 125 and Forest Road 82)

This depicts one possible view of the alternative transmission tie-line. The view pans from the northeast to the east from a point along Forest Road 125 near the intersection of Forest Road 82. Tie-line towers are depicted at a height of approximately 120 feet and spaced about 1,000 feet apart. The nearest tower is located approximately one-half mile away, within foreground views.

Grapevine Canyon Wind Project



Photo



Simulation



Alternative Transmission Line Corridor - KOP #7 (Intersection of Forest Road 125 and Forest Road 82)

This depicts one possible view of the alternative transmission tie-line. This photographic simulation was prepared as if the vegetation were removed, or drastically changed. The view pans from the northeast to the east from a point along Forest Road 125 near the intersection of Forest Road 82. Tie-line towers are depicted at a height of approximately 120 feet and spaced about 1,000 feet apart. The nearest tower is located approximately one-half mile away, within foreground views.

Grapevine Canyon Wind Project



Photo



Simulation



Alternative Transmission Line Corridor - KOP #8 (Forest Road 82)

This depicts one possible view of the alternative transmission tie-line. The view pans from the northwest to the northeast along Forest Road 82, just south of Forest Road 125. Mormon Mountain rises above the trees slightly near the left-hand side of the photograph. Tie-line towers are depicted at a height of approximately 120 feet and spaced about 1,000 feet apart. The nearest tower is located approximately three-tenths mile away, within foreground views.

Grapevine Canyon Wind Project



Photo



Simulation



Alternative Transmission Line Corridor - KOP #8 (Forest Road 82)

This depicts one possible view of the alternative transmission tie-line. This photographic simulation was prepared as if the vegetation were removed, or drastically changed. The view pans from the northwest to the northeast along Forest Road 82, just south of Forest Road 125. Mormon Mountain rises near the left-hand side of the photograph and the San Francisco Peaks are located in the distant background near the center of the photograph. Tie-line towers are depicted at a height of approximately 120 feet and spaced about 1,000 feet apart. The nearest tower is located approximately three-tenths mile away, within foreground views.

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